

INDEX MAPS.

T. 37 N. R. 8 W. 2nd Mer.

Meanders — 315, 318

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South Boundary

Cor, $41^{\circ}45' E$.

West on South Side Sec. 36
 18.35 @ Y. oak 12 in. dia.
 40.00 Set gr. Sec. post from which
 @ Y. oak 12 in. dia. bears N. 36 E. 73 lks. dist.
 @ Do. Do 10 " " " N. 58 E. 66 " "
 72.53 @ Do. Do 10 " "
 80.00 Set post cor. to Sec. 35 & 36 from which
 @ Y. oak 10 in. dia. bears N. 70 E. 37 lks. dist.
 @ Do. Do. 9 " " " N. 53 E. 13 " "
 Land rolling sandy & poor. Timber oak

West On South Side Sec. 35
 40.00 Set gr. Sec. post from which
 @ Y. oak 9 in. dia. bears N. 69 E. 18 lks. dist.
 @ Do. Do 9 " " " N. 62 E. 19 " "
 80.00 Set post cor. to Sec. 34 & 35 from which
 @ Y. oak 10 in. dia. bears N. 48 E. 20 lks. dist.
 @ Do 15 " " " N. 74 E. 28 " "
 Land &c. Same

West On South Side Sec. 34
 10.82 @ pine 10 in. dia. on S. Bk. of Grand Calumet R. S. E.
 35.40 Set post on S. Bk. of River from which
 @ Y. oak 6 in. dia. bears S. 85 E. 24 lks. dist.
 @ Pine 6 " " " S. 69 E. 9 " "
 40.00 Set gr. sec. post from which
 @ Y. oak 10 in. dia. bears N 5 E 8 lks. dist.
 @ Do. 10 " " " N 76 E 27 " "
 67.30 To a Y. oak 6 " " corner on S. bank of
 Grand Calumet river —
 80.00 Corner of sec. 33 & 34 in River
 Land &c. same as last,

West on South ^{Side} Sec. 33

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- 27.00 Leave River & Set post from which
 a Y. oak 10 in. dia. bears N. 300.48 the dist.
 a Y. oak 10 " " " S. 60 E. 98 " "
- 40.00 Set gr. Sec. post from which
 a Y. oak 9 in. dia. bears N. 61 E. 17 the dist.
 a Do Do 12 " " " N. 68 W. 70 " "
- 44.00 Set post on S. Side of River from which
 a Y. oak 12 in. dia. bears S. 49 E. 31 the dist.
 a Pine 12 " " " N. 63½ E. 65 " "
- 76.50 Set post on N. Bk. of River from which
 a Y. oak 20 in. dia. bears N. 52 W. 284 the dist.
 no other
- 80.00 Set post cor. to Sec. 32 & 33 from which
 a Y. oak 18 in. dia. bears N. 56.75 the dist.
 a Do Do 10 " " " N. 50 W. 131 " "
- Land & c same

- West on South Side Sec. 32
- 21.00 Set post on N. Bank of River from which
 a Y. oak 20 in. dia. bears N. 76.45 the dist.
 a Do Do 10 " " " N. 20 W. 115 " "
- 40.00 gr. Sec. cor. in River
- 80.00 Leave River & Set post cor. to Sec. 31 &
 32 & for meander post on N. Side of R. from wh.
 a Y. oak 10 in. dia. bears N. 74 W. 6.30 the dist.
 no other
- Land as before

- West on South Side Sec. 31
- 20.79 Set post on N. Bank of River from which
 a Y. oak 10 in. dia. bears N. 52 W. 7.55 the dist.
 a Do Do 20 " " " N. 76.2 " "
- 40.00 gr. Sec. cor. in River
- 78.79 To N. Boundary at post on N. Side of R. from wh.
 a Y. oak 12 in. dia. bears N. 80 W. 432 the dist.
 (Cor. To 36 & 37 N. R. 8 & 9 W.) no other

1st quarter wet prairie Soil 2nd rate
 Surveyed March 6th 1834 by
 Sylvester Sibley, Dep^t. Sur.

East Boundary

- North On E. side of Sec. 36. 1. Var. $7^{\circ} 10' E$
 50 Leave pond
 4.21 @ Y. oak 14 in. dia.
 31.00 Right bank of the Grand Kalimint navigable
 from here up stream to the River Stop, but
 not down to the Lake, set a meander post
 @ Y. oak 14 in. dia. bears S. 72 E. 55 the dist.
 @ Pine 6 " " " S. 75 W. 12 " "
 The Channel is almost 150 the wide, and on
 the North Shore is an unacceptable marsh (at this
 time) set on a post
 40.00 Set gr. & c. post in marsh from which
 @ Pine 8 in. dia. bears N. 14 E. 92 the dist.
 @ Willow 4 " " " N. 12 W. 91 " "
 41.00 Leave marsh
 55.50 South Boundary of the 10 mile strip at
 the Town corner, South of River. rolling
 sandy barrens, Timber Y. Oak - north of marsh
 driving - movable sand - some few cotton-
 woods & several pines
 Surveyed March 6th 1834 by
 Robert Clark Jr. Dep^t. Sur.

- South On E. side of Sec. 36 -
 26.26 Leave Lake Michigan, where set post betw^{en} S.
 31 & 36 from which
 an Aspin 14 in. dia. bears S. 34 $\frac{1}{2}$ W. 37 the dist.
 " Do 9 " " " S. 71 $\frac{1}{2}$ E. 480 " "
 32.09 Indian Boundary 19.30 the West of mile post
 No. 2 where set post cor. to Sec. 31 & 36
 from which
 an Aspin 14 in. dia. bears N. 53 W. 36 the

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an Aspin 9 in. dia. bears N. 73 E. 6 1/2 lbs. dist.
Land a sand hill

surveyed in 1830 April 20th by

Calvin Brittain Jr.

Deft. Sur.

West Boundary

Var. 6° 25' E.
North on East Side Sec. 36 T. 37 N. R. 9 W.
Began in marsh
9.00 Leave marsh
35.76 a Pin oak 12 in. dia.
40.00 Set gr. Sec. post from which
80.00 Set post cor. sec. 25 & 36 from which
a Pin 9 in. dia. bears S. 86 W. 62 lbs. dist.
a Do 8 " " " N. 29 W. 27 " "
Land level and wet soil poor timber pine
Oak, Maple Ash &c.

Pin 12 N 39 W 10
Oak 9 S 52 W 15

North on East Side Sec. 25 T. 37 N. R. 9 W.
30.50 Set post on Margin of Lake Michigan from wh.
an Aspin 6 in. dia. bears S. 68 W. 180 lbs. dist.
" Do 10 " " " S. 20 E. 3.64 " "
Land &c. much as before
Surveyed March 5, 1834 by
Sylvester Sibley, Deft. Sur.

Subdivisions

Var.)
South Between Sections 35 & 36
28.36 Leave Lake Michigan, where set, meander
between Sec. 35 & 36 from which
an Aspin 12 in. dia. bears S. 58 1/2 W. 3.72 lbs. dist.
" Do 7 " " " N. 13 E. 232. " "
31.70 Indian Boundary, where set post on to
Sec. 35 & 36 from which
an Aspin 10 in. dia. bears N. 65 W. 3.48 lbs. dist.

an Aspen 4 in. dia. bears N. 27 E. 127 lbs. dist.
Land Robert Sand

Course	No. & L	Meandus of Lake Michigan beginning at East Boundary then westerly to line between Secs 35 & 36
S. 88 1/2 W.	80.10	
S. 89 1/4 W.	61.20	South bend of Lake Michigan

It wet day & no electricity these meandus were accurately taken, I cannot account for first the Divergency & then the convergency
Surveyed Tuesday April 20th 1830 by
Calvin Bontean
Deft. Sur.

I do hereby certify that I commenced the Survey of Township 34 N. Range 8 W. 2nd Mer. on Tuesday April 20th 1830 & completed it on the same day & that the foregoing are correct & original field notes of the same
Calvin Bontean Sr.
Deft. Surveyor

North	Between Secs. 35 & 36
12.94	Between at Calumie River - Set meander post on Right Bank from which an Oak 8 in. dia. bears S. 35 E. 06 lbs. dist. an Pine 5 " " " S. 30 W. 10 " "
35.00	Leave River & Set meander post from which an Cedar 6 in. dia. bears N. 61 E. 21 lbs. dist. an Pine 4 " " " S. 15 W. 15 " "
40.00	Set 2 nd Sec. post from which an Pine 6 in. dia. bears N. 47 W. 20 lbs. dist. an Do 4 " " " N. 25 E. 13 " "
	found the River in 2 channels with an impassable marsh between

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53.78 Intersect N. Boundary at post. S. of River. poor
Sandy. Y. oak & Pine of a dwarfish growth. N. of
River sand hills, mostly some dwarfish pine
when the wind blows high from the Northward
the waves pass the bar at the mouth of the
River & force a strong current west which
returns East when the wind subsides

North between Sections 34 & 35

9.70 Right margin of Calumet marsh from which
① Y. oak 10 in. dia. bears N. 3 1/2 W. 12 the dist.
② Do 6 " " " N. 89 E. 6 " "

23.80 main channel of River, the River here is
1 Chain wide, that is the main channel, but
in its passage finds its way through a Lake of
Considerable depth, near 16 Chains wide,

25.80 Over River, course E. & 1/2 W. when set mean-
der post on left margin Calumet from which
① Y. oak 5 in. dia. bears N. 50 W. 18 the dist.
② " Do 5 " " " S. 88 E. 54 " "

40.00 Set gr. & c. post from which
① Pine 8 in. dia. bears S. 44 E. 56 the dist.
② Do 10 " " " N. 41 W. 59 " "

53.78 Intersect Lake Michigan poor broken Sandy
land dwarfish growth of Y. Pine

North Between Sections 33 & 34

no post at corner from corner in River

4.50 Set meander post on left Bank of River from which
① Y. oak 6 in. dia. bears N. 80 W. 42 the dist.
② " Do 8 " " " N. 82 E. 104 " "

40.00 Set gr. & c. post from which
① Y. oak 10 in. dia. for gr. & c. cor,

56.29 Intersect Lake Michigan & Set Meander post
an Aspen 7 in. dia. bears S. 61 W. 31 the dist.
" Do 7 " " " S. 45 E. 44 " "

6.00 November 5th 1834
 North Between Sections 32 & 33
 10.29 @ Y. Oak 10 in. diam,
 40.00 Set gr. Sec. post from which
 @ Y. Oak 12 in. dia. bears N. 56.58 W. dist.
 no other
 67.00 Intersect Lake Michigan & set meander post from which,
 an Aspin 6 in. dia. bears N. 51 E. 53 W. dist.
 " Do 6 " " " S. 81 W. 73 " "
 Poor Sandy Soil, rough dwarfish growth of
 Pine & Oak,

North Between Sections 31 & 32
 6.00 Leave Calumie Marsh
 40.00 Set gr. Sec. post from which
 @ pine 4 in. dia. bears S. 30 W. 20 W. dist.
 " Do 4 " " " N. 38 E. 05 " "
 80.00 Set cor. to Sec. 31 & 32 & fractional Sec. 29 & 30 from which
 @ Pine 6 in. dia. bears N. 32 W. 57 W. dist.
 @ Do 8 " " " S. 15 E. 61 " "
 Poor Sandy land, the land more level
 than upon the line previously run - growth
 small bushy Y. Pine - some Cedar Juniper, Birch
 &c, this line crosses 5 long narrow lakes resembling
 Rivers. E. & W. almost perfectly straight, water
 limpid & beautiful from 2 to 4 feet deep

East Between Sections 29 & 32
 16.50 Intersect Lake Michigan & set post meander
 Cor. to fractions 29 & 32 from which
 an Aspin 6 in. dia. bears S. 4 E. 1.50 W. dist.
 no other

North Between Sections 29 & 30
 5.00 Intersect Lake Michigan & set meander

Y 37 M B, & M 2nd Nov. Ind^e

C. L. post & cor. to Tractions 29 & 30 from which
an Aspin 6 in. dia. bears S. 14 E 77 lbs. dis.
No other near
Barren Sandy Waste. Except a few small
Aspens, the shore land level, a beautiful
Margin,

West
40.00 On Random between Sec. 30 & 31
Enter Margin of a large narrow Lake 2
Chains wide from 1 to 4 feet deep, appears
to be a number of miles long, running nearly
E & W. Clear beautiful water
79.86 Intersect west boundary, Ch. S. of post

East
39.86 Corner between Sec. 30 & 31
Set gr. Sec. post from which
a Pine 6 in. dia. bears S. 36 E. 27 lbs. dis.
a Do 6 " " " S. 59 E. 21 " "
79.86 Section corner
Nov. 6, 1834

Course	Ch. Sta.	Description
		Meanders of Lake Michigan begin- ning at post on W. Boundary on margin of Lake thence
S. 71 E,	80.00	in Sec. 30
S. 76 E,	4.50	To meander post on line bet. Sec. 29 & 30
S. 74 E	17.15	in Sec. 29 To post in line from 29 & 32
S. 77 E,	57.00	In Sec. 32
S. 68 E,	6.63	To meander post on line between Sec. 32 & 33
S. 79 E,	65.00	in Sec. 33
S. 83 E,	12.69	To meander post on line between Sec. 33 & 34
S. 86 E,	82.17	To meander post on line between Sec. 34 & 35

Courses	Chs.	Meanders Continued
S. 86 W.	18.62	In Sec. 35 to the termination of the old Survey Nov. 8, 1834
		Meanders of Calumet River, left Bank up stream Beginning at gr. S. E. post on East boundary on left Bank up River
S. 23 W.	3.50	In Sec. 36
S. 76 W.	10.50	
N. 49 W.	7.00	
N. 76 W.	7.50	
S. 66 W.	14.00	
N. 42 W.	5.00	
S. 78 W.	3.50	
S. 86 W.	1.50	
S. 56 W.	8.00	
S. 73 W.	20.00	
N. 53 W.	6.00	
N. 6 E.	3.50	
N. 56 W.	5.70	To meander post on line between Sec. 35 & 36
		In Sec. 35
S. 58 W.	4.00	
S. 87 W.	3.50	
S. 65 W.	9.00	
S. 78 W.	10.00	
S. 74 W.	10.00	
S. 85 W.	2.50	
S. 46 W.	5.00	
S. 64 W.	14.00	
N. 86 W.	9.00	
N. 15 W.	10.00	
N. 78 W.	5.00	
S. 72 W.	9.00	
S. 61 W.	2.67	To meander post between Sec. 34 & 35
S. 78 W.	7.00	In Sec. 34

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<i>Course</i>	<i>Co. Ls.</i>	<i>In Sec 34 Meanders Continued</i>
<i>S. 44^W</i>	<i>12.00</i>	
<i>S. 72^W</i>	<i>4.00</i>	
<i>S. 75^W</i>	<i>6.00</i>	
<i>West</i>	<i>9.00</i>	
<i>N. 39^W</i>	<i>7.00</i>	
<i>N. 85^W</i>	<i>11.00</i>	
<i>S. 67^W</i>	<i>10.00</i>	
<i>S. 40^W</i>	<i>5.00</i>	
<i>S. 75^W</i>	<i>5.00</i>	
<i>S. 74^W</i>	<i>11.00</i>	
<i>S. 87^W</i>	<i>5.02</i>	<i>To post on line between Sec. 33 & 34</i>
<i>N. 87^W</i>	<i>13.00</i>	<i>In Sec. 33</i>
<i>N. 73^W</i>	<i>8.00</i>	
<i>West</i>	<i>16.00</i>	
<i>S. 71^W</i>	<i>13.00</i>	
<i>West</i>	<i>17.00</i>	
<i>S. 69^W</i>	<i>3.50</i>	
<i>S. 76^W</i>	<i>4.57</i>	<i>To meander post on South Boundary - Thence from Post in Town Line.</i>
<i>N. 58^W</i>	<i>3.65</i>	<i>In Sec. 32</i>
<i>N. 77^W</i>	<i>9.00</i>	
<i>N. 85^W</i>	<i>11.00</i>	
<i>N. 86^W</i>	<i>14.00</i>	
<i>N. 79^W</i>	<i>7.00</i>	
<i>S. 80^W</i>	<i>13.00</i>	
<i>S. 52^W</i>	<i>3.00</i>	<i>To meander post & cor. on S. Boundary</i>
<i>N. 8^W</i>	<i>5.39</i>	<i>In Sec. 31 from post in Town line.</i>
<i>N. 57^W</i>	<i>10.00</i>	
<i>N. 50^W</i>	<i>4.00</i>	
<i>N. 75^W</i>	<i>4.00</i>	
<i>S. 52^W</i>	<i>6.00</i>	
<i>S. 62^W</i>	<i>5.00</i>	

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Course	to Sta.	Meanders Cont ^d in Sec. 31
S. 61 W.	10.00	
S. 75 W.	20.00	
S. 60 W.	6.00	To meander post & Cor. on Town Line Nov 9, 1834
N. 53 E.	1.64	Meanders of Right Bank down Stream In Sec. 33 from post S. Boundary
N. 85 E.	1.00	
N. 75 E.	3.00	
S. 77 E.	8.00	
S. 85 E.	4.00	To meander post on South Boundary
N. 53 E.	10.00	Beginning at G. Oak Co. on S. Boundary In Sec. 34 down Stream -
S. 84 E.	5.00	
S. 78 E.	17.00	
S. 41 E.	3.57	To meander post on S. Boundary
N. 61 E.	3.00	thence from a pine 10 in. dia. Cor. on South Boundary In Sec. 34
N. 41 E.	4.00	
N. 36 E.	5.00	
N. 74 E.	2.81	To meander post on line between Sec. 34 & 35
N. 85 E.	9.00	In Sec. 35
S. 33 E.	13.00	
S. 86 E.	8.00	
N. 60 E.	11.50	
N. 40 E.	12.00	
N. 72 E.	5.00	
N. 87 E.	25.00	
S. 32 E.	3.00	
S. 18 E.	6.00	

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Course	C. Dist.	Meanders Continued in Sec. 35
N. 82 E.	5.12	To post on line between Sec. 35 & 36
N. 70 E.	6.50	in Sec. 36
N. 63 E.	10.00	
East	5.00	
S. 70 E.	4.00	
N. 70 E.	26.00	
East	20.00	
S. 78 E.	10.00	
N. 63 E.	2.30	To Meander post on East Boundary

Surveyed February 11, 1836 by
 Andrew Burnside
 Deputy Surveyor

I certify that the foregoing transcript of
 field notes of Township 37 North of Range
 8 West 2nd Meridian State of Indiana,
 has been compared with the original in
 this office and found to be correct

William Whetton
 Sur. Genl.

Surveyor General's office
 Cincinnati, Dec^r 30th 1842

comp